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Nota di contenuto	Solid-Phase Organic Syntheses; CONTENTS; Contributors; Preface; Abbreviations; PART I INTRODUCTION; 1. An Introduction to Solid-Phase Palladium Chemistry; PART II PALLADIUM-MEDIATED SPOS; 2. Pd-Catalyzed Solid-Phase Decoration of the 2(1H)-Pyrazinone Scaffold; 3. One-Step Palladium- and Phenylsilane-Activated Amidation of Solid-Supported Ally Esters; 4. Solid-Phase Reactions of Polymer-Bound Arenesulfonates with Aryl Grignard Reagents; 5. Fluorous Synthesis of 3-Aminoimidazo[1,2-a]-Pyridine/Pyrazine Library; 6. Resin-to-Resin Transfer Reactions (RRTR) via Sonogashira Coupling PART III IMMOBILIZED CATALYSTS AND LIGANDS 7. Polymer-supported Palladium Catalysts for Suzuki and Heck Reactions; 8. Solid-Phase Catalytic Activity of a Polymer-Supported Palladium Complex; 9. Polyaniline-immobilized Palladium for Suzuki-Miyaura Coupling Reaction in Water; 10. Synthesis of Polymer-Supported Aryldicyclohexylphosphine for an Efficient; 11. C-C or C-N

Reactions Catalyzed by Diadamantylphosphine Palladium-Based Catalyst Supported on Dab-Dendrimers; PART IV PALLADIUM-MEDIATED MULTIFUNCTIONAL CLEAVAGE; 12. Solid-Phase Reactions of Resin-Supported Boronic Acids
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14. Heck Cleavage of Resin-bound Triazenes; 15. Pd-Mediated Cleavage from Tetrafluoroarylsulfonate Linker Units; 16. Palladium-Catalyzed Solid-Phase Synthesis of Allylic Amines; 17. Palladium-Catalyzed Solid-Phase Synthesis of 4-Methylene Pyrrolidines; Index

Sommario/riassunto

"This series informs researchers of major accomplishments in solid-phase organic synthesis and provides actual experimental details and specific references. With this series, a reader will be able to sharpen hands-on skills by following the experimental procedures and refining understanding of the science by studying the chosen reactions. More importantly, this series guides readers in designing novel compound libraries, and may also inspire future breakthroughs. This second volume focuses on palladium chemistry in solid-phase synthesis, and discusses: palladium catalysts and reactions, procedures for preparation and utilization, ligands, and linker reactions"--